RADIATION SURVEY WORKSHEET eXaminer Radiation Survey Information

						2770	מוווכו	- Vadiation		ourvey mile	וטווומנוטו	ב							
Air	Airport: I	Palm Beach International Airport	ach Int	ernation	nal Airp		Scanner Location:	Locatic		Baggage	-	Handeling Room	Room	Ca	Case#:	밀	PBI-C299039	039	
Pers	Personnel I	Performing Radiation Survey:	ng Rac	iation S	survey:					K		D	ate Su	Date Survey Performed	erform	٠. ١	4/28	4/28/2010	
	Scan	Scanner Serial Number:	al Numi	er:	(6325	Entrar	ice Tunn	Entrance Tunnel Serial Number:	Number		2262A	Exi	Exit Tunnel Serial Number:	Serial N	lumber	į	2262B	
	High Reading:	ding:	Avera	Average Reading:		Min. Reading:	High R	High Reading:	Average	Average Reading		Min. Reading:	핓	High Reading:	Averag	Average Reading:	ğ	Min Reading:	ā.
	27			14.28		6	9	97	23	23.65		9		94		27.13		œ	
			Good	<u>C</u> .					G0	600d					0	Good			
₹6	Radiation Meter-	ı Mete		Type Meter:	eter:	451P	Meter Serial	₽	Number:	∵ 263		Calibration Due Date:	tion D	ue Dat	e:	Octo	October 22, 2010	2010	
0 2																			j
S E -																			
	Com	Complete Radiation Survey	Radia	tion S	urvey	(CRS)			Z)	Record \	ord Voltage and Bean Current here:	and Be	an Cur	rent he	re:			
Ren	Rename this Document before starting the Survey to:	s Docui	ment bo	efore st	arting 1	he Sur	vey to:	٧	Voltage		164	Т	⊘ B	Beam Current:	urren	:	9.8	mA	Þ
		PBI-CI	RS-28	PBI-CRS-28DEC2010-6325	10-632	35		Maxim	Maximum Safe Readings	Readir		Scanner	350	Tunnels		350	Curtains	ıs 350	Ō
Step:				P	Procedure	Э							Exp	Expected results	esults				
	scanner for the n	set up: Obtain inovision ion Chamber Survey Meter and in an area away from the scanners, turn on the meter by pressing the On-Off key. Wait approx. 4 minutes for the meter to run through the initialization procedure.	the mete	n Chambe r by press ì the initia	er Survey sing the O lization pi	Meter an n-Off key ocedure.	d in an ar Wait ap	ea away prox. 4 m	from the inutes	The GU initializa	II will be the mind t	The GUI will be visible and will indicate Standby. After the radiation meter initialization procedure is complete the meter will be reading less than 20 uR/hr and the meter will be ready for use	nd will in comple	dicate St le the me	andby. / eter will k	\fter the be readin	radiatio ∩g less t	n meter han 20	
2.		The scanner will be in Standby. Change the conveyor switch on the scanner to Stop. Change the exit tunnel conveyor switch to Off to stop the conveyor.	e in Stan	dby. Char el convey	nge the co	onveyor s	witch on t	he scanr onveyor.	er to	Both co	nveyors	Both conveyors should be stopped	e stoppe	ğ					
ယ		On the GUI dropdown screen, select diagnostic, followed by Radiation Survey. A radiation survey window will appear. Click "Turn On" button to turn x-rays on. Turn	own scre	en, select I appear	diagnost Click "Tu	n On" bu	ed by Rad tton to tur	iation Su 'n x-rays	rvey. A on. Turn	A windo	w indica	A window indicating "Radiation Survey" will appear.	diation S	urvey" wi	II appea				
	on x-rays pron Conveyor Belt.	on x-rays prompt will say "Place survey bag on belt". Place IQTK bag on Entry Conveyor Belt.	vill say "F	lace surv	ey bag or	ı belt". Pl	ace IQTK	bag on E	intry										
4.		When "Bag in survey position" appears, go to the FCC monitor and select "2" then <enter>, verify and record the voltage and current in the displayed on the FCC screen in the planks provided above.</enter>	zey positi d record t ks provid	on" appea he voltag ed above.	ars, go to e and cur	the FCC rent in the	monitor a e displaye	nd select d on the	"2" then FCC	The high vo 8.8mA and	h voltage and 10.6	The high voltage is between 144KV and 176KV. The current is between 8.8mA and 10.6mA and the scanner X-ray indicator lights are on.	een 144 the scan	√V and 1 ner X-ray	76KV. T	he curre or lights	ent is be are on.	tween	
5.		Survey one of the areas indicated by the boxes in Appendix A2. Record the highest As the survey is conducted, the radiation meter indicates the degree of reading within the area. Repeat the process until all areas are surveyed and radiation emission.	areas inc area. Re ded.	licated by peat the p	the boxe rocess u	s in Appe าtil all are	ndix A2. I as are su	Record the	e highest nd	As the s	As the survey is coradiation emission.	conduct on.	ed, the r	adiation I	meter in	dicates t	he degr	ee of	
6.		Review all radiation data sheets for high readings	n data sh	eets for h	iigh readii	າgs.				Reading	ys shall r	Readings shall not exceed 350 uR/hr in any box.	ed 350 u	R/hr in a	ny box.				
7.		After radiation survey is complete, click on "Start Conveyor" button on the GUI. Click the "Turn Off" button to turn off x-rays. Next click "Done". The IQTK bag will eject from exit tunnel. EDAC will reboot.	vey is cor f" button t nel. EDA	nplete, cli turn off C will rebo	ck on "St x-rays. N oot.	art Conve ext click "	yor" butto Done". T	on the	GUI. bag will	IQTK ba	ag is ejeo	IQTK bag is ejected and scanner reboots	scanner	reboots.					
7.		Visually inspect the entrance and exit of the system for X-ray caution hazard signs	e entranc	e and exi	t of the sy	stem for	X-ray cau	tion haza	ırd signs.	X-ray haza is energize	azard sig ized" are	X-ray hazard signs reading "Do not insert any part of the body when system is energized" are posted at entrance and exit of system.	ng "Do n at entra	ot insert	any part	of the b	ody whe	en syste	러
9.		Fill out the eXaminer radiation sticker and adhere to to the frame of the eXaminer under door #5 on the left side of the scanner.	າer radiat the left si	ion sticke	r and adh scanner.	ere to to t	the frame	of the e>	(aminer	Reading	ys shall r	Readings shall not exceed 350 uR/hr in any box	ed 350 u	R/hr in a	ny box.				

12/28/2010

Entrance Conveyor Top Panel

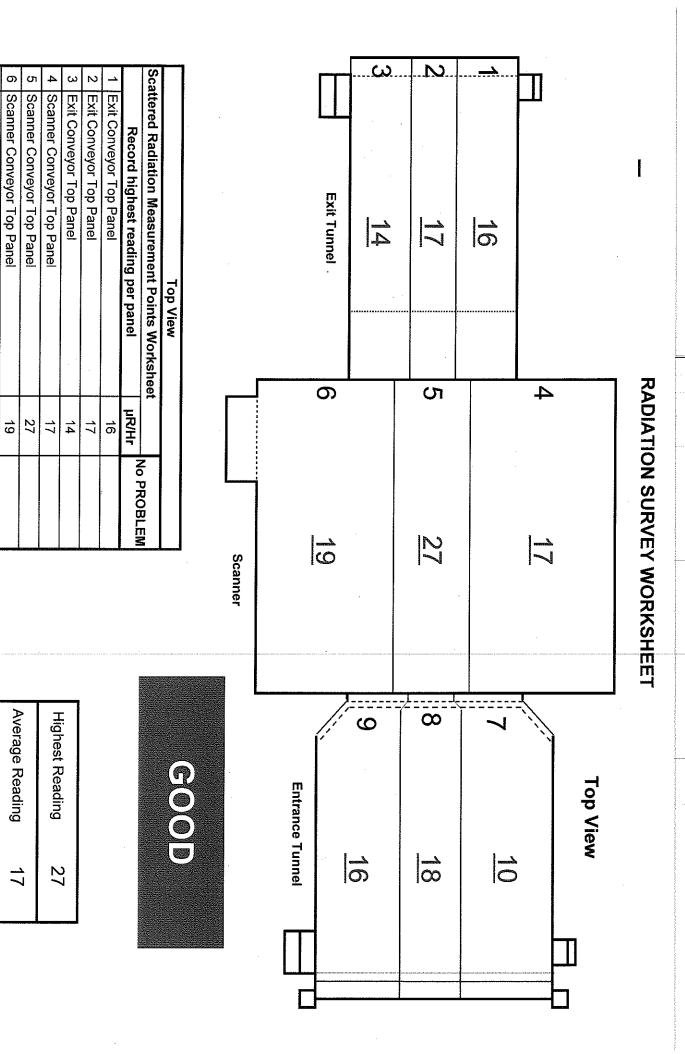
6 8 6

Lowest Reading

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Entrance Conveyor Top Panel

Entrance Conveyor Top Panel



RADIATION SURVEY WORKSHEET

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SIDE PROFILE VIEW (OPPOSITE AC)

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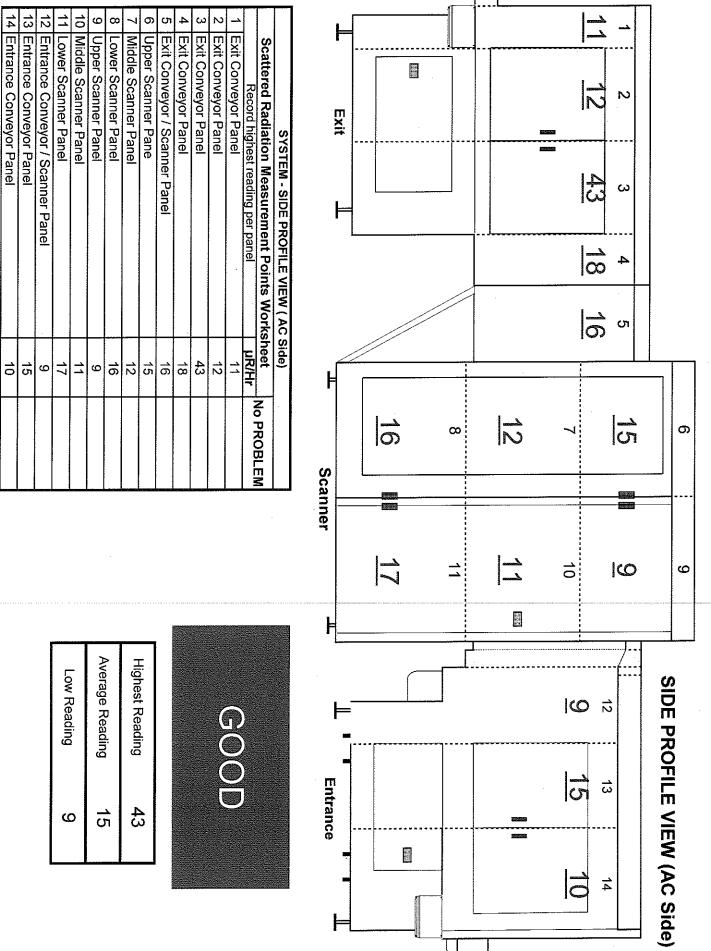
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RADIATION SURVEY WORKSHEET



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